

Amendments to the:
2006 International Energy Conservation Code

Section 101.1 Title. Insert:[name of jurisdiction] as “City of Tucson”.

ADD new section 101.5 to read:

Section 101.5 Sustainable energy standard. Compliance with the Sustainable Energy Standard shall be deemed to comply with this code.

Section 202. Definitions. AMEND section by ADDING a definition for Indirectly Conditioned Space as follows:

Indirectly Conditioned Space. An indirectly conditioned space has no heating or cooling system, but is indirectly heated or cooled due to its proximity to spaces that are heated or cooled. Two criteria can be applied to determine if a space is indirectly conditioned:

- (a) If the heat transfer rate to conditioned space is larger than the heat transfer rate to the exterior (ambient conditions), then the space is considered indirectly conditioned.
- (b) If there is an air transfer rate between the space and conditioned space that exceeds three air changes per hour (ACH), then the space is considered indirectly conditioned. Air transfer can be provided by natural or mechanical means.

ADD new section 302.2 to read:

Section 302.2 Exterior design conditions.

Table 302.1
Exterior Design Conditions

Pima County Arizona			
CONDITION		Under 4,000 feet elevation ¹	4,000 feet elevation & above ²
Winter	Design Dry Bulb Temp	32°F	4°F
Summer	Design Dry Bulb Temp	104°F	90°F
	Design Wet Bulb Temp	66°F	61°F
Degree days heating		2100	7000
Degree days cooling		2814	140
Climate zone		2B	5B

Section 501.2 Application. REVISE this section by DELETING the last sentence of the paragraph.

Section 503.2.7 Duct and plenum insulation and sealing. AMEND this section by DELETING

only the first paragraph and REPLACING it with the following:

“All supply and return air ducts and plenums shall be insulated with a minimum of R-4.2 insulation when located in indirectly conditioned spaces or unconditioned spaces (neither heated nor cooled) within a building thermal envelope, and with a minimum of R-8 insulation when located outside the building. When located within a ventilated attic or space within a building envelope that freely communicates with the outside, ducts shall have R-8 insulation. When located within a building thermal envelope, duct insulation is not required.”